

Fig.1

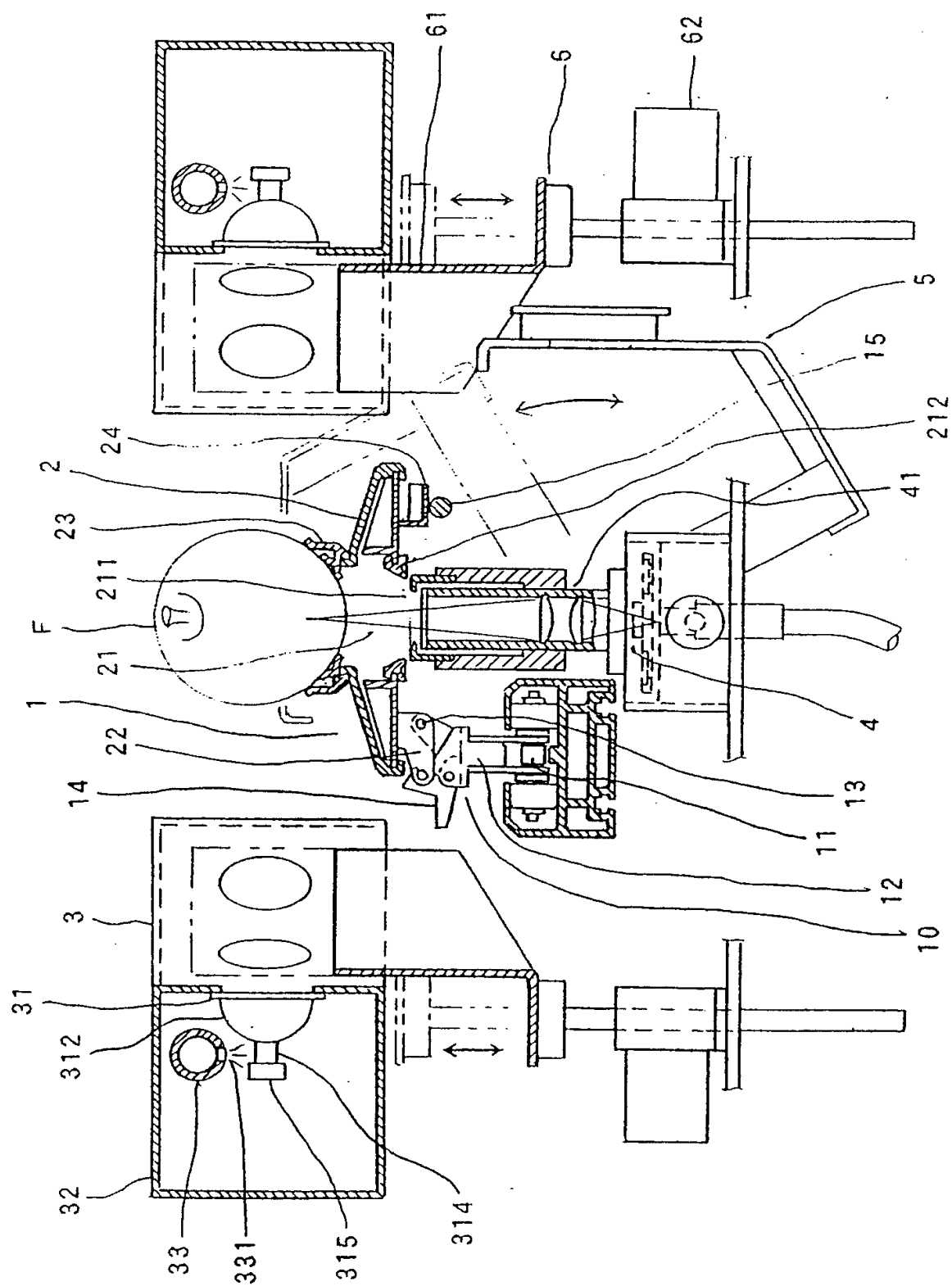


Fig.2

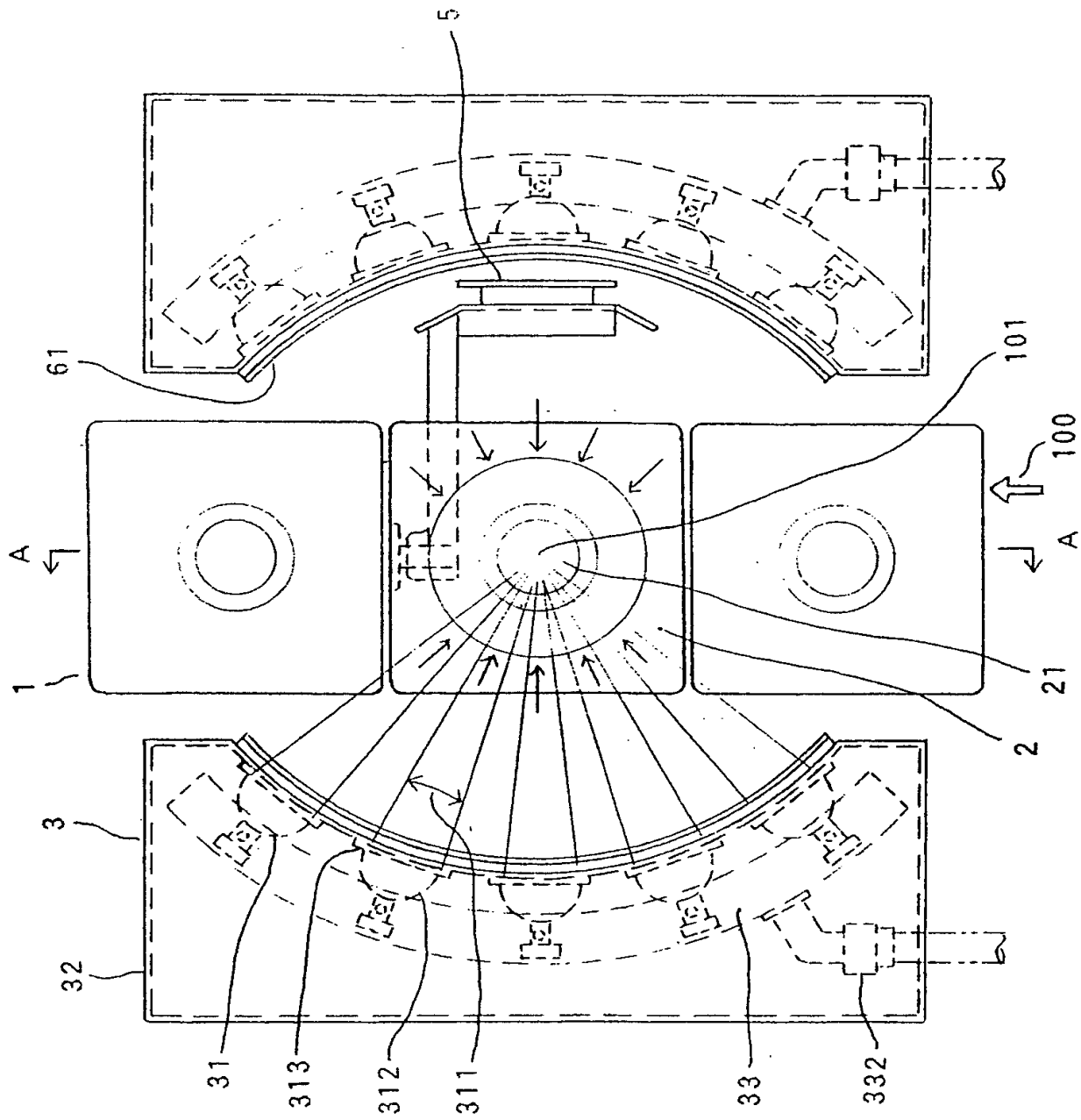








Fig. 6

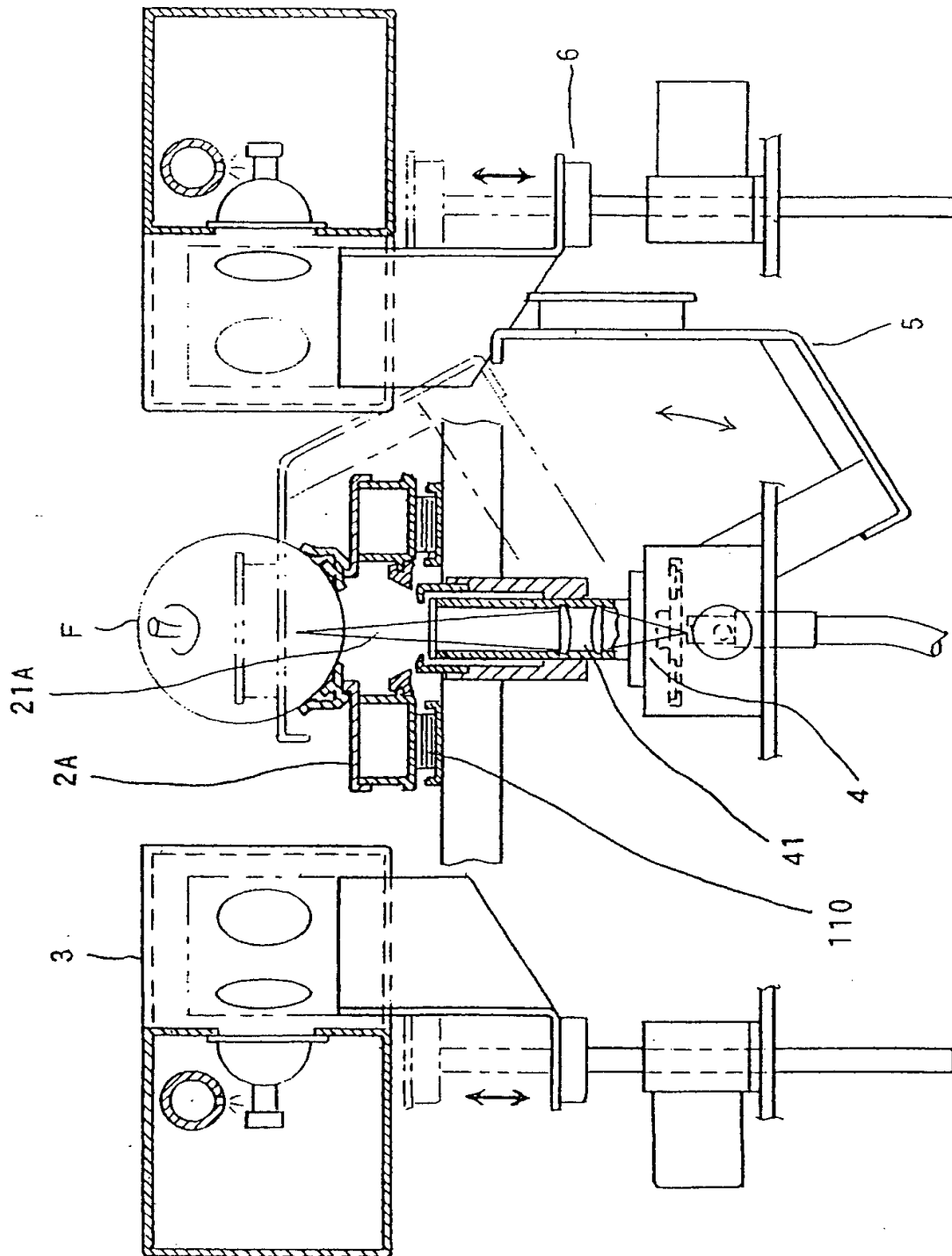




Fig.8

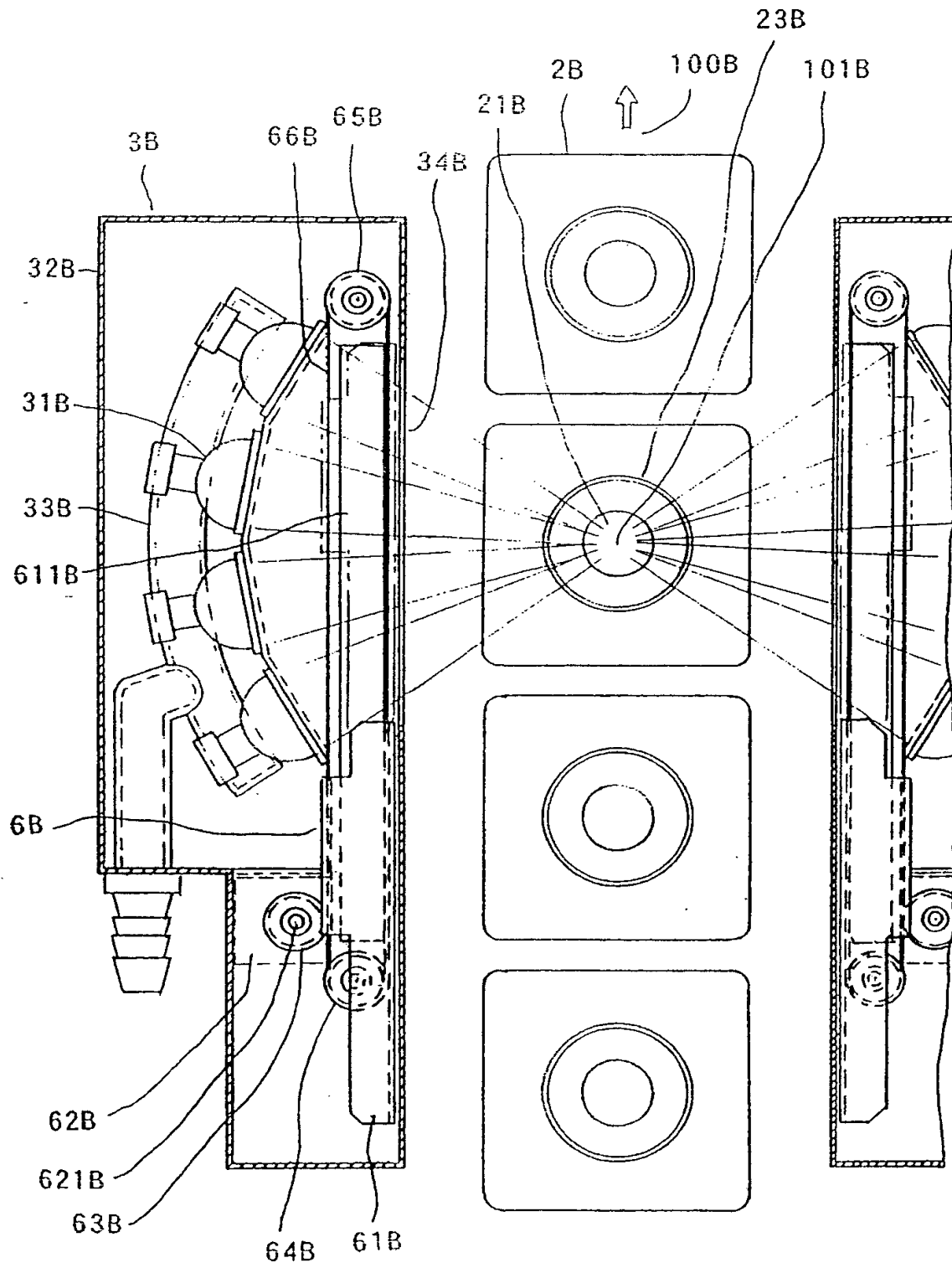




Fig.9

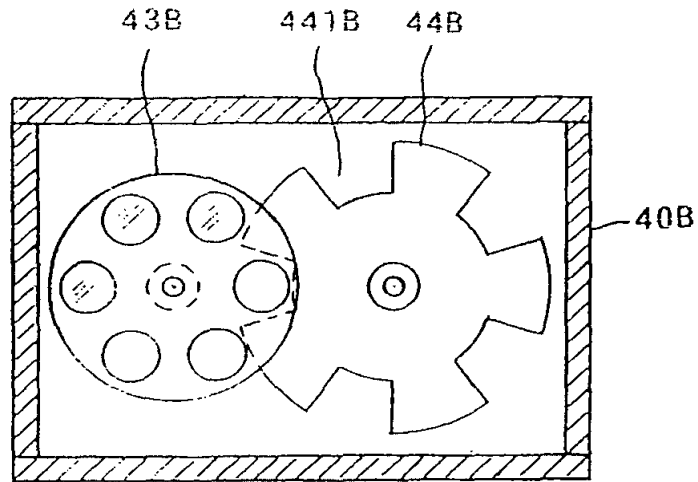
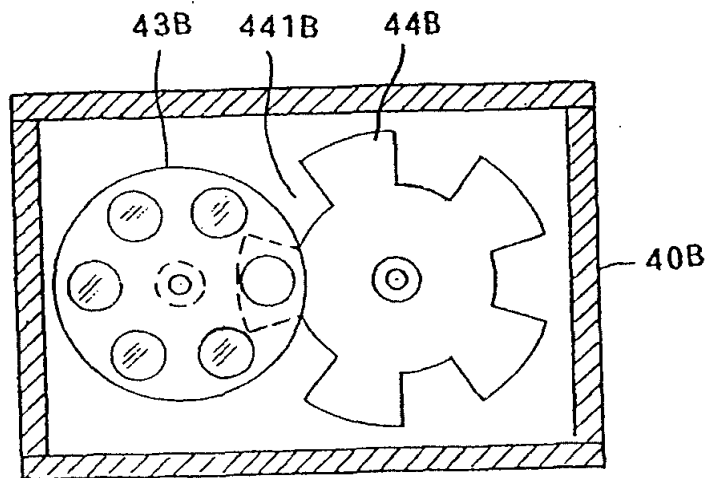


Fig.10



## Description of Reference Numerals

1, 1B ..... transport conveyer  
10 ..... chain conveyer with receiving tray  
11, 11B ..... chain  
12 ..... bracket  
13 ..... fulcrum pin  
14 ..... engaging piece  
15 ..... receiving-tray attitude guide rail  
16B ..... conveyer frame  
17B ..... upper frame  
18B ..... receiving tray mounting member  
100, 100B ..... transport path  
101, 101B ..... inspecting position  
110 ..... conveyer belt  
2, 2A, 2B ..... receiving tray  
21, 21A, 21B ..... transmission light passage  
211 ..... exit of transmission light passage  
212 ..... exit packing of transmission light passage  
213 ..... lower light blocking face  
22 ..... fulcrum part  
23, 23B ..... receiving seat  
24 ..... sliding part  
3, 3B ..... light projecting means  
31, 31B ..... halogen lamp

311 beam angle  
 312 paraboloidal reflection mirror  
 313 seal  
 314 sealing part  
 315 socket  
 32, 32B lamp box  
 33, 33B air blowing duct  
 331 blowing nozzle  
 332 connection port  
 34B projecting window  
 4, 4B light receiving means  
 40, 40B combining mount part  
 400, 400B light receiving optical path  
 41, 41B condenser lens  
 411 focal point on object side  
 412 lens hood  
 413 light receiving window  
 414 dust-proof hood  
 415 connection port  
 42 optical fiber  
 421 light entrance plane  
 43, 43B light-reducing-filter mounting plate  
 431 shaft  
 432 mounting hole

433 ..... light reducing filter  
 434 ..... knob handle  
 435 ..... miter gear  
 44B ..... light receiving shutter  
 441B ..... cutaway part  
 442B ..... stepping drive device  
 5, 5B ..... white level calibrating means  
 50, 50B ..... calibrating plate mounting part  
 51, 51B ..... white-level calibrating plate  
 52, 52B ..... retaining metal  
 53 ..... mounting arm  
 53B ..... shaft  
 54 ..... stepping motor  
 54B ..... linear motion motor  
 541 ..... output shaft  
 6, 6B ..... light blocking device  
 61, 61B ..... light blocking shutter  
 611B ..... linear slide rail  
 62 ..... motor  
 62B ..... motor with brake  
 621B ..... shaft  
 63B ..... drive pulley  
 64B ..... head pulley  
 65B ..... tension pulley

66B	· wire rope
7B	· spectrometer
71B	· slit
72B	· grading mirror
73B	· linear array sensor
F	· agricultural product